

**Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09857481 on June 05, 2002**

- 12 702/183 (7 OR, 5 XR)
 - Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
 - 702/127 MEASUREMENT SYSTEM
 - 702/182 .Performance or efficiency evaluation
 - 702/183 ..Diagnostic analysis

- 12 714/46 (3 OR, 9 XR)
 - Class 714 : ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
 - 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

 - 714/1 .Reliability and availability
 - 714/25 ..Fault locating (i.e., diagnosis or testing)

 - 714/46 ...Operator interface for diagnosing or testing

- 9 701/29 (3 OR, 6 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
 - 701/29 .Vehicle diagnosis or maintenance indication

- 8 128/904 (0 OR, 8 XR)
 - Class 128 : SURGERY
 - 128/904 TELEPHONE TELEMETRY

- 7 73/117.3 (0 OR, 7 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/116 MOTOR AND ENGINE TESTING
 - 73/117.2 .Disparate tests under operating conditions
 - 73/117.3 ..With continuous operation

- 7 358/442 (0 OR, 7 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

 - 358/400 FACSIMILE
 - 358/442 .Facsimile system interface

- 7 701/33 (3 OR, 4 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
 - 701/29 .Vehicle diagnosis or maintenance indication
 - 701/33 ..Plural processors or external processor

- 7 701/35 (2 OR, 5 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
 - 701/29 .Vehicle diagnosis or maintenance indication
 - 701/35 ..With data recording device

- 6 73/117.2 (0 OR, 6 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/116 MOTOR AND ENGINE TESTING
 - 73/117.2 .Disparate tests under operating conditions

- 6 399/8 (4 OR, 2 XR)
 - Class 399 : ELECTROPHOTOGRAPHY
 - 399/8 REMOTE MONITORING

- 6 600/509 (3 OR, 3 XR)

- Class 600 : SURGERY
 - 600/300 DIAGNOSTIC TESTING
 - 600/481 .Cardiovascular
 - 600/508 ..Heart
 - 600/509 ...Detecting heartbeat electric signal

- 6 714/23 (4 OR, 2 XR)
 - Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
 - 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

 - 714/1 .Reliability and availability
 - 714/2 ..Fault recovery
 - 714/23 ...Resetting processor

- 6 714/736 (2 OR, 4 XR)
 - Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
 - 714/699 PULSE OR DATA ERROR HANDLING
 - 714/724 .Digital logic testing
 - 714/736 ..Device response compared to expected
fault-free response

- 5 73/116 (3 OR, 2 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/116 MOTOR AND ENGINE TESTING

- 5 379/29.01 (2 OR, 3 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT
 - 379/27.01 .Testing of subscriber loop or terminal
 - 379/29.01 ..Terminal arrangement to enable remote testing
(e.g., testing interface)

- 5 600/508 (4 OR, 1 XR)
 - Class 600 : SURGERY
 - 600/300 DIAGNOSTIC TESTING
 - 600/481 .Cardiovascular
 - 600/508 ..Heart

- 5 706/912 (0 OR, 5 XR)
 - Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 - 706/902 APPLICATION USING AI WITH DETAIL OF THE AI
SYSTEM
 - 706/911 .Nonmedical diagnostics
 - 706/912 ..Manufacturing or machine (e.g., agricultural
machinery, machine tool)

- 5 710/100 (5 OR, 0 XR)
 - Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
PROCESSING SYSTEMS: INPUT/OUTPUT
 - 710/100 INTRASYSTEM CONNECTION (E.G., BUS AND BUS
TRANSACTION PROCESSING)

- 5 714/26 (2 OR, 3 XR)
 - Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
 - 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

 - 714/1 .Reliability and availability
 - 714/25 ..Fault locating (i.e., diagnosis or testing)

 - 714/26 ...Artificial intelligence (e.g., diagnostic
expert system)

- 5 714/31 (4 OR, 1 XR)
 - Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
 - 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

- 714/1 .Reliability and availability
- 714/25 ..Fault locating (i.e., diagnosis or testing)

- 714/27 ...Particular access structure
- 714/31Additional processor for in-system fault locating (e.g., distributed diagnosis program)

- 4 219/483 (0 OR, 4 XR)
 - Class 219 : ELECTRIC HEATING
 - 219/260 .Resistive element: igniter type
 - 219/482 .With power supply and voltage or current regulation or current control means
 - 219/483 ..Controlling or regulating plural separate distinct heating resistance elements(i.e., one control system for all elements)

- 4 359/110 (3 OR, 1 XR)
 - Class 359 : OPTICS: SYSTEMS
 - 359/109 OPTICAL COMMUNICATION
 - 359/110 .Diagnostic testing of optical communication

- 4 359/168 (1 OR, 3 XR)
 - Class 359 : OPTICS: SYSTEMS
 - 359/109 OPTICAL COMMUNICATION
 - 359/154 .Transmitter and receiver system
 - 359/168 ..Passive system

- 4 370/249 (1 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)

 - 370/249 .Loopback

- 4 378/4 (3 OR, 1 XR)
 - Class 378 : X-RAY OR GAMMA RAY SYSTEMS OR DEVICES
 - 378/1 SPECIFIC APPLICATION
 - 378/4 .Computerized tomography

- 4 379/1.01 (1 OR, 3 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL CONDITION MEASUREMENT

- 4 455/425 (1 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422 .Zoned or cellular telephone system
 - 455/423 ..Diagnostic testing, malfunction indication, or electrical condition measurement
 - 455/425 ...Subscriber equipment

- 4 455/67.1 (0 OR, 4 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 - 455/67.1 .With measuring, testing, or monitoring of system or part

- 4 600/443 (3 OR, 1 XR)
 - Class 600 : SURGERY
 - 600/300 DIAGNOSTIC TESTING
 - 600/407 .Detecting nuclear, electromagnetic, or ultrasonic radiation
 - 600/437 ..Ultrasonic
 - 600/443 ...Anatomic image produced by reflective scanning

- 4 600/515 (0 OR, 4 XR)
 - Class 600 : SURGERY

- 600/300 DIAGNOSTIC TESTING
- 600/481 ..Cardiovascular
- 600/508 ..Heart
- 600/509 ...Detecting heartbeat electric signal
- 600/515 Detecting arrhythmia

- 4 600/523 (1 OR, 3 XR)
- Class 600 : SURGERY
- 600/300 DIAGNOSTIC TESTING
- 600/481 ..Cardiovascular
- 600/508 ..Heart
- 600/509 ...Detecting heartbeat electric signal
- 600/523 Signal display or recording

- 4 700/9 (2 OR, 2 XR)
- Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS
- 700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
- 700/9 ..Supervisory control

- 4 701/102 (2 OR, 2 XR)
- Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
- 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
- 701/99 ..With indicator or control of power plant
(e.g., performance)
- 701/101 ..Internal-combustion engine
- 701/102 ...Digital or programmed data processor

- 4 702/182 (1 OR, 3 XR)
- Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING
- 702/127 MEASUREMENT SYSTEM
- 702/182 ..Performance or efficiency evaluation

- 4 714/25 (3 OR, 1 XR)
- Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
- 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

- 714/1 ..Reliability and availability
- 714/25 ..Fault locating (i.e., diagnosis or testing)

- 4 714/36 (1 OR, 3 XR)
- Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
- 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

- 714/1 ..Reliability and availability
- 714/25 ..Fault locating (i.e., diagnosis or testing)

- 714/32 ...Particular stimulus creation
- 714/36 Test sequence at power-up or initialization

- 4 714/716 (1 OR, 3 XR)
- Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
- 714/699 PULSE OR DATA ERROR HANDLING
- 714/712 ..Transmission facility testing
- 714/715 ..Test pattern with comparison
- 714/716 ...Loop-back

- 3 73/168 (0 OR, 3 XR)
- Class 073 : MEASURING AND TESTING
- 73/168 BLOWER, PUMP, AND HYDRAULIC EQUIPMENT

- 3 219/494 (0 OR, 3 XR)

- Class 219 : ELECTRIC HEATING
 - 219/260 .Resistive element: igniter type
 - 219/482 .With power supply and voltage or current regulation or current control means
 - 219/490 ..Automatic regulating or control means
 - 219/494 ...Thermally responsive
- 3 219/508 (2 OR, 1 XR)
 - Class 219 : ELECTRIC HEATING
 - 219/260 .Resistive element: igniter type
 - 219/507 .With current connection and/or disconnection means (e.g., switch)
 - 219/508 ..Plural means intermittently or selectively operated
- 3 318/490 (0 OR, 3 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS WITH SIGNALS, METERS, RECORDERS OR TESTING DEVICES
- 3 324/399 (1 OR, 2 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/378 INTERNAL-COMBUSTION ENGINE IGNITION SYSTEM OR DEVICE
 - 324/393 .In situ testing of spark plug
 - 324/399 .Wherein a measured electric quantity indicates spark plug condition
- 3 324/73.1 (2 OR, 1 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/73.1 PLURAL, AUTOMATICALLY SEQUENTIAL TESTS
- 3 324/754 (2 OR, 1 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC COMPONENTS
 - 324/537 .Of individual circuit component or element
 - 324/754 ..With probe elements
- 3 358/1.9 (0 OR, 3 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
- 3 358/403 (3 OR, 0 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/403 .Document filing and retrieval system
- 3 358/406 (2 OR, 1 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/406 .Facsimile measuring, testing, or calibrating
- 3 359/152 (1 OR, 2 XR)
 - Class 359 : OPTICS: SYSTEMS
 - 359/109 OPTICAL COMMUNICATION
 - 359/152 .Optical transceiver
- 3 375/224 (3 OR, 0 XR)
 - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 - 375/224 TESTING
- 3 376/245 (0 OR, 3 XR)
 - Class 376 : INDUCED NUCLEAR REACTIONS: PROCESSES,

SYSTEMS, AND ELEMENTS
376/245 TESTING, SENSING, MEASURING, OR DETECTING A
FISSION REACTOR CONDITION

- 3 379/22 (0 OR, 3 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT
379/22 .Of trunk or long line
- 3 379/27.01 (1 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT
379/27.01 .Testing of subscriber loop or terminal
- 3 379/27.02 (2 OR, 1 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT
379/27.01 .Testing of subscriber loop or terminal
379/27.02 ..By generating call signal
- 3 379/30 (0 OR, 3 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT
379/27.01 .Testing of subscriber loop or terminal
379/30 ..Loop impedance (e.g., resistance,
capacitance)
- 3 399/2 (0 OR, 3 XR)
Class 399 : ELECTROPHOTOGRAPHY
399/1 COMBINED WITH DIVERSE SUBJECT MATTER
399/2 .With diverse image formation
- 3 600/301 (2 OR, 1 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/301 .Via monitoring a plurality of physiological
data, e.g., pulse and blood pressure
- 3 600/407 (2 OR, 1 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
- 3 600/483 (3 OR, 0 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/481 .Cardiovascular
600/483 ..Simultaneously detecting cardiovascular
condition and diverse body condition
- 3 700/79 (1 OR, 2 XR)
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS
700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
700/79 .Having protection or reliability feature
- 3 701/99 (1 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
701/99 .With indicator or control of power plant
(e.g., performance)
- 3 702/108 (1 OR, 2 XR)